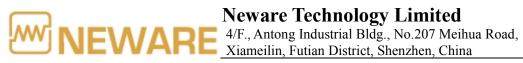


## Specifications of BTS3000n-5V6A

Model	BTS-5V6A	Battery tester	SN CODE	CT-3008n	-5V6A	-N-	
Specifications		Values					
AC Input		AC 220V ±10% 50Hz / AC 110V ±10% 50Hz					
Input Power		400 W					
Resolution		AD: 16bit; DA: 16bit					
Input impedence		≥1MΩ					
Output voltage	CV output range	0.1V~4.9V					
	Min discharge voltage	1.2V(2m data wire)					
	Accuracy	± 0.05% of FS					
	Stability	± 0.02% of FS					
Output current	Output range	0.003A~6A					
	Accuracy	± 0.05% of FS					
	Stability	± 0.02% of FS					
Output power	Output power	30W/Channel					
	Stability	± 0.03% of FS					
Response	Response time	Max current response time<20ms					
time	Working step time	≤(365*24)hour/step Time format: 00:00:00.000(h,m,s,ms)					
Data record	Data record conditions	Min data record interval: 1Hz(1s)					
		Min voltage record: 10mV					
		Min current record: 0.001A					
	Frequency	1Hz					
Charge	Modes	CC, CV, CCCV, CP, CR					
	End condition	Voltage, Current, Time, Capacity, Voltage changes					
Discharge	Modes	CC, CP, CR, CV					
	End condition	Voltage, Current, Time, Capacity, Voltage changes					
Cycle	Max cycles	65535					
	Max steps	254					
	Max cycle nest	4					
Protection	Safety protection	Power-off data protection					
riolection		Off-line operation mode					

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	User-defined protection conditions, such as upper and lower				
	limited current/voltage,	delay time, tempera	ture, etc.		
Channels features	Independent pairs of closed loop for constant current source and				
	constant voltage source.				
Channels control mode	Independent control				
Data acquisition method	Kelvin connection				
Noise	<85dB				
Database	MySQL				
Communication	TCP/IP				
Data output	XIs, txt				
Computer disk requirement	500GB				
Operating system	Windows 7 for the best				
Communication port	Ethernet				
Channels	8				
Operation and storage enviro	nment requireme	nt			
Items	Values				
Operation environment temperature	0°C~40°C (When the temperature is 25±10°C, the accuracy error				
operation environment temperature	caused by temperature change is less than 50 ppm /°C)				
Storage environment temperature	-10°C~50°C				
Operation environment humidity	≤70% RH(no moisture condensation)				
Storage environment humidity	≤80% RH(no moisture condensation)				
Clamps and dimensions					
Items	Values				
Holder pictures		O <sub>k</sub>			
	Universal holder	Alligator holder	Polymer holder		
Dimensions(W*D*H)(mm)	3U , 480*330*130				
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